



**HAWK RESEARCH LABORATORIES, LLC.**  
High Performance Coating Systems

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**Product Name:** Pourable Foam Part A

**Product Code:** 50811, 50814

**Company Identification:**  
Hawk Research Laboratories, LLC.  
7150 Capitol Drive  
Wheeling, IL 60090  
Telephone: 630.227.0050  
Email: [info@hawklabs.com](mailto:info@hawklabs.com)

**24 Hour Transportation Emergency:**  
ChemTel: 800.255.3924 (US and Canada)  
Contract Number: MIS0002644  
Outside US and Canada  
ChemTel: 011.1.813.248.0585

#### Recommended use of the chemical and restrictions of use:

Because many of the conditions are within the user's knowledge and control, it is essential that the user evaluate and determine whether the product is suitable and appropriate for an intended application, and complies with all local applicable laws, regulations, standards, and guidance.

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS RATINGS:

| CLASSIFICATION                                    | CATEGORY | HAZARD STATEMENT  |
|---|----------|---|
| Skin Corrosion                                    | 2        | H315: Causes skin irritation  |
| Skin Sensitization                                | 1B       | H317: May cause an allergic skin reaction                               |
| Eye Damage  | 1        | H318: Causes serious eye damage   |
| Acute Toxicity: Inhalation                        | 4        | H332: Harmful if inhaled  |
| Specific Target Organ Toxicity: Single Exposure   | 3        | H335: May cause respiratory irritation                                  |
| Carcinogenicity                                   | 2        | H351: Suspected of causing cancer                                       |
| Specific Target Organ Toxicity: Repeated Exposure | 2        | H373: May cause damage to organs through prolonged or repeated exposure |

#### Hazard Symbols (Pictograms):



**Signal Word: DANGER**

#### Precautionary Statements:

##### Prevention:

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.



P272: Contaminated work clothing should not be allowed out of the workplace.

P271: Use only outdoors or in a well-ventilated area.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                         | CAS Number | Weight % |
|---------------------------------------|------------|----------|
| Diphenylmethane Diisocyanate          | 26447-40-5 | 30-70    |
| Polymethylene Polypenylene Isocyanate | 9016-87-9  | 30-70    |

The exact percentage is withheld as trade secret. Other components are below reportable levels or are non-hazardous.

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Remove to fresh air and keep at rest in a comfortable position. If breathing is irregular, give oxygen. If not breathing, begin CPR. Get immediate medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water, lifting upper and lower lids. Continue rinsing for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**Ingestion:** If swallowed, rinse mouth and drink plenty of water. Do not induce vomiting. Get immediate attention.

**Most Important Symptoms/Effects, Acute and Delayed:**



Aside from the information found under the First Aid Measures (above) and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicological Information

**Indication of Immediate Medical Attention and Special Treatment Needed:**

**Notes to Physician:** Treat symptomatically. No specific antidote available.

**SECTION 5: FIREFIGHTING MEASURES**

|   |  |
|---|--|
| <b>Suitable Extinguishing Media:</b>                | Water spray, dry powder, carbon dioxide, foam  |
| <b>Specific Hazards Arising from the Chemical:</b>  | Prevent run off from entering drains or sewers. Fires involving this product may release nitrous gases, fumes, smoke, isocyanate and vapor |
| <b>Special Protection Actions for Firefighters:</b> | Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.   |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Immediately turn off or isolate any sources of ignition (pilot lights, electrical equipment, flames, heaters, etc.). Evacuate area and ventilate.

**Environmental Precautions:**

Do not allow to enter drains or sewers. All disposal must comply with federal, state, and local regulations. The material, if discarded or spill, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. See Section 14. CAUTION: If spilled material is cleaned up using a regulated solvent, the resulting waste mixture will also be regulated.

**Methods and Materials for Containment and Cleaning Up:**

Personnel wearing proper protective equipment should contain spill immediately with inert materials (sand, earth, chemical spill pads of cotton) by forming dikes. Dikes should be placed to contain spill in a manner that will prevent material from entering sewers and waterways. Large spills, once contained, may be picked up using explosion-proof, non-sparking vacuum pumps, shovels, or buckets, and disposed of in suitable containers. If a large spill occurs, notify the appropriate authorities. In case of spill or accident, contact CHEMTEL at 800.255.3924.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling:**

Open containers carefully and in a well-ventilated area, using appropriate respiratory protection. Wash hands thoroughly after handling. Keep containers closed when not in use. Do not transfer to unmarked containers. Empty containers may contain product residue which may exhibit hazardous properties; therefore, do not pressurize, cut, glaze, weld or use for any other purpose.

**Conditions for Safe Storage:**



Store in a cool, dry, well-ventilated area. Keep containers tightly closed and store away from heat, sparks, open flame, or oxidizing materials. Extended storage at excessive temperatures may produce odorous and toxic fumes from product decomposition.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters:**

| Chemical Name                          | Value/Notation                    |
|--|-----------------------------------|
| Diphenylmethane Diisocyanate           | WEL: 0.02 mg/m <sup>3</sup> (TWA) |
| Polymethylene Polyphenylene Isocyanate | None                              |

**Appropriate Engineering Controls:**

Avoid creating dust or mist. Local exhaust ventilation, process enclosures, or other engineering controls are required when handling or using this product to avoid overexposure. Use explosion-proof ventilation equipment. Do not use in closed and confined spaces. Keep all levels below exposure limits. Perform regular monitoring to ensure exposure limits are not exceeded.

**Personal Protective Equipment (PPE):**

**Respiratory Protection:**

Do not breathe vapors. When concentrations exceed the established limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA) until vapors are exhausted. Observe OSHA standard 29 CFR 1910.134 and ANSI Z88.2 requirements whenever workplace conditions require a respirator's use.

**Hand Protection:**

Wear appropriate protective gloves and clothing to prevent skin exposure. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with the product.

**Eye Protection:**

Use safety eyewear with splash guards and side shields. Use additional eye protection, such as chemical safety goggles when the possibility for eye contact from splashing, spraying liquid, or airborne material exists.

**Skin Protection:**

Avoid contact with this product. Wear appropriate protective gloves and clothing to prevent skin exposure. Use proper glove and clothing removal techniques to avoid skin contact with this product. When handling large quantities, eye wash stations and deluge showers should be available.

**Hygiene Measures:**

**General:**

When using this product, do not eat or drink. Wash hands with soap and water before breaks and at the end of each workday.

**Contaminated Equipment:**

Avoid contact with contaminated clothing and protective clothing. Wash before reuse.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**



|   |                    |
|---|--------------------|
| <b>Appearance:</b>                            |                    |
| <b>Physical State/Color:</b>                  | Liquid/dark brown  |
| <b>Odor:</b>                                  | Musty odor         |
| <b>Odor Threshold:</b>                        | Not determined     |
| <b>pH:</b>                                    | Not applicable     |
| <b>Freezing Point:</b>                        | -13°C              |
| <b>Boiling Point:</b>                         | 204°C              |
| <b>Flash Point:</b>                           | Greater than 200°C |
| <b>Evaporation Rate:</b>                      | Not determined     |
| <b>Flammability (solid, gas):</b>             | Not applicable     |
| <b>Lower and Upper Explosive Limits:</b>      | Not applicable     |
| <b>Vapor Pressure:</b>                        | 0.00001 mm Hg      |
| <b>Vapor Density:</b>                         | Not determined     |
| <b>Relative Density:</b>                      | 1.126              |
| <b>Solubility:</b>                            | Reacts             |
| <b>Partition Coefficient: n-octanol/water</b> | Not determined     |
| <b>Auto-ignition Temperature:</b>             | Not determined     |
| <b>Decomposition Temperature:</b>             | Not determined     |
| <b>Viscosity:</b>                             | Not determined     |

#### SECTION 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity:</b>                        | No data available   |
| <b>Chemical Stability:</b>                | Stable  |
| <b>Possibility of Hazardous Reaction:</b> | Hazardous polymerization will not occur   |
| <b>Conditions to Avoid:</b>               | Avoid moisture  |
| <b>Incompatible Materials:</b>            | Acids, amines, alcohols, water, alkalines, strong bases, substances that react with isocyanates   |
| <b>Hazardous Decomposition Products:</b>  | Thermal decomposition may produce carbon dioxide, carbon monoxide, nitrogen oxide, hydrogen cyanide, aromatic isocyanates, gases and vapors |

#### SECTION 11: TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Acute Toxicity:</b>                         |   |
| <b>Acute Oral Toxicity:</b>                    | LD50 >2200 mg/kg  |
| <b>Acute Dermal Toxicity:</b>                  | Causes skin irritation  |
| <b>Acute Inhalation Toxicity:</b>              | Harmful if inhaled  |
| <b>Skin Corrosion/Irritation:</b>              | Causes skin irritation  |
| <b>Serious Eye Damage/<br/>Eye Irritation:</b> | Causes serious eye damage   |
| <b>Respiratory or Skin Sensitization:</b>      | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| <b>Germ Cell Mutagenicity:</b>                 | No data available   |



**Carcinogenicity:** The following chemical(s) comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing):

| CAS Number | Chemical Name | Carcinogen Rating |
|------------|---------------|-------------------|
| None       |               |                   |

**Reproductive Toxicity:** No data available

**Specific Target Organ Systemic Toxicity:** May cause respiratory irritation

**Aspiration Hazard:** No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**TOXICITY**

**Component Ecotoxicity:**

|                                       |                   |
|---------------------------------------|-------------------|
| Diphenylmethane Diisocyanate          | No data available |
| Polymethylene Polypenylene Isocyanate | No data available |

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Do not discharge product into sewer system. Dispose of in a licensed facility. Waste management should be in full compliance with federal, state, and local laws.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Chemical additions, processing, and otherwise altering this material, may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

**SECTION 14: TRANSPORT INFORMATION**

| Shipping Information |
|----------------------|
| Not regulated        |



This information is not intended to cover all specific regulatory or operational requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by country regulations. Additional transportation information can be obtained through a customer service representative.

**SECTION 15: REGULATORY INFORMATION**

**Toxic Substances Control Act (TSCA):** All substances in this product are listed in the TSCA Chemical Substance Inventory.

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65):**

**WARNING:** This product contains the following substances known to the State of California to cause cancer, birth defects or other reproductive harm.

None

**Clean Air Act, Section 112, Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

None

**Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):**

This product contains the following chemicals, which are subject to the reporting requirements of the Act, and Title 40 CFR 372:

None

**SECTION 16: OTHER INFORMATION**

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Hawk Research Laboratories, LLC (Seller) makes no representations as to the completeness or accuracy thereof. Seller has prepared this document using data from sources considered to be technically reliable and accurate. Information is supplied upon the condition that persons receiving it will make their own determination as to its suitability for their purpose prior to use. In no event will Seller be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties either expressed or implied, or merchantability, fitness for a particular purpose in any other nature are made hereunder with respect to information for the product to which information refers.

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